



MEPT4Weighing Instrument

Model:MEP-T4

Category: Weighing Instrument

Channel : 1 Channel

Operating Voltage: 220VAC, 4 units of AABattery

SignalOutput: RS232

Measurement speed:10Hz

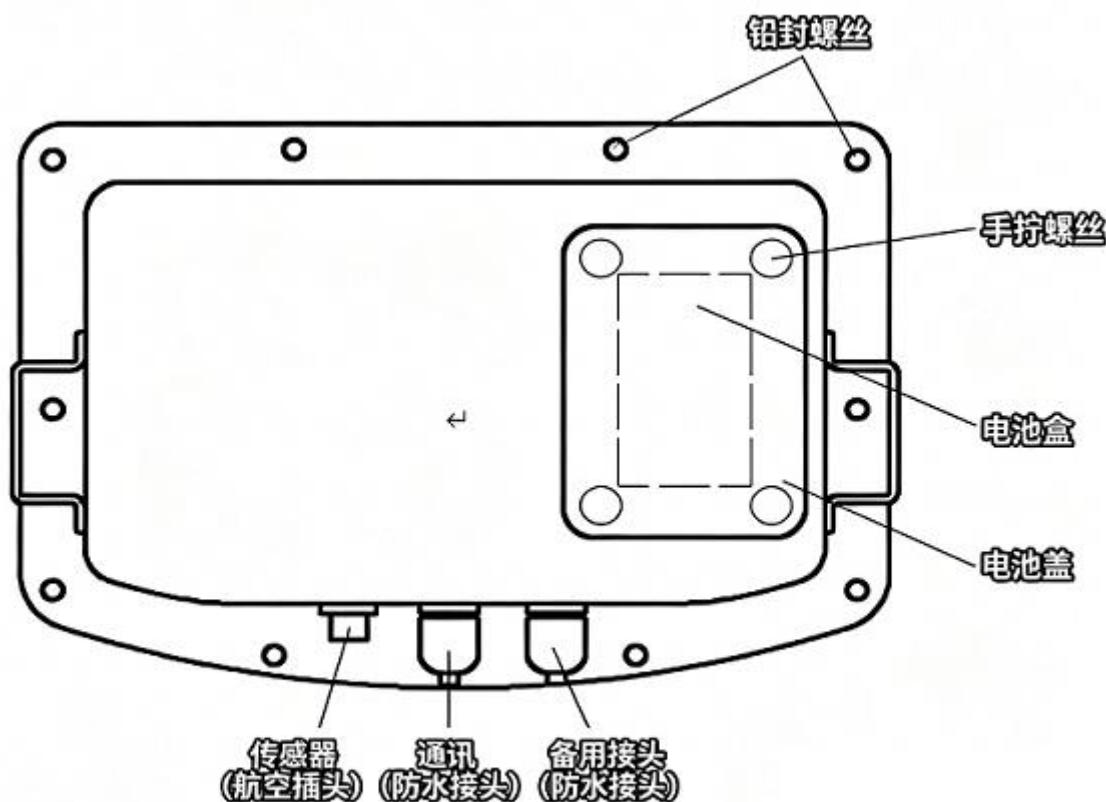
SignalInput: -16mV~18Mv

Function / Feature: Accumulation, Power OnZero Clear, ManualZero Clear, Tare,WeighWeight,WeighCount, AccumulatedWeigh, Livestock Scale, SavePowerMode

Application: Platform ScaleWeighing Instrument, Livestock ScaleWeighing Instrument

Keywords: Platform ScaleWeighing Instrument, Livestock ScaleWeighing Instrument





Main Technical Specifications :

AD Conversion Method: $\Delta - \Sigma$, 24bit;

Sensor Excitation Voltage: DC 5V, Connection 1 Strain Gauge Sensor;

Up to connect 6350Ω Strain Gauge Sensor;

(Customizable DC 3.3V, Recommended Connection 11000Ω Strain Gauge Sensor)

Signal Input Range: -16mV ~ +18mV;

Input Sensitivity $\geq 1.5\mu\text{V}/\text{e}$;

Sensor Connection Method: Standard Wiring Uses 4 Wired type,

(Customizable 6 Wired type Long line Auto Compensation, Compensation Range ≤ 30 meters)

Indicator Power Supply: Standard Configuration: AC 110~220V Dedicated use Adapter (DC Output 7.5V, For DC 5V Bridge Excitation)

(Optional equipped with Built-in 6V/2.5Ah or External 6V/5Ah Lead-acid storage Battery, Order when Description)

(Customizable AC 110~220V Dedicated-use Adapter, DC Output 3V, For DC 3.3V Bridge Excitation)

(Customizable Built-in AABattery power supply mode, DC 3.3V Bridge Excitation, under power-saving Mode Status, Connection 11000Ω Strain Gauge Sensor, Optional Built-in 2 Section AABattery, Use Time Approx. 60s small when, if required Built-in AABattery and the matching charger, Order when Please Description) Built-in Switch Power Supply are also divided into 5V、3.3V Two Types Bridge Excitation Voltage, must be specified at Order when Description (Power-saving Mode, Connection 11000Ω Strain Gauge Sensor)

Use Temperature is: 0°C ~ 40°C, Relative Humidity $\leq 85\%$ RH。

Storage Temperature is: -20°C ~ 60°C, Relative Humidity $\leq 95\%$ RH。



Power On and Power OnAuto zero set

Press the SwitchPress Key to control the Indicator's Power Supply. After Power On, the Indicator first runs Self-testDisplay; upon completion, if the Scale Platform is found to deviate from Calibrationwhen Zero, but still if the value is within the Power OnAuto zero set Range, Then will activate Auto zero set; the IndicatorDisplay shows zero and "→0←" the status indicator illuminates; if it deviates from the zero set RangeThen DisplayCurrent reading

If the value set within the Power On zero set Range is "--" i.e., last timesPower OffZero, Then will not perform zero set Operation. Auto reads the last timesPower Offwhen's Zero from input and displays

DisplayCurrentWeight. After every timesPower Offafter,

Waiting is required5seconds must elapse before Power On can be performed again

Manual zero set

When the Indicator's gross weight is within the Manual zero set Range and stable, press "→0←" the corresponding key to perform zero set, "Net Weight" Invalid in Display mode; 3.4 Tare

When both the gross weight and Net Weight are greater than zero and stable, a tare Operation can be performed. Press "→T←" the key, then the IndicatorDisplay reading is "0", the tare weight is When before the gross weight, and Enter "Net Weight" DisplayMode, "NET" the status indicator illuminates; When the gross weight is "0" And while in "Net Weight" DisplayModewhen, Press "→T←" press the key to Exit "Net Weight" DisplayMode.

Accumulation, Accumulation Display, and Accumulation ClearOperation

1, when Net Weight is Greater than the Min Weighing Value (5Division Value) and stable when, Press "Σ" key to accumulate the Current Net Weight, "AUTO" the status indicator illuminates, and Display the total accumulated Value, 3seconds after, then Display the Accumulation Times 【n***】 , 3seconds after, AutoExitDisplayTotalizeStatus activates; the next times Operation Must be performed only after Net Weight is Less than the Min Weighing Value after;

2, while in WeighingStatus, Long press "Σ" key until the buzzer sounds a Tip: after releasing the key, "AUTO" the status indicator illuminates, you can View the total Totalize value, Press "←" key to View Totalize Times, then Press "←" key to Exit;

3, while in WeighingStatus, Press "#" key to Display 【CLRAr-】 , Tip: confirm whether to clear the Totalize value, Press "←" key to clear, Press "Fn" key to Exit without clearing.

Counting Function / Feature

After Setting "Fn" after the key is assigned to the Counting Function / Feature, briefly Press "Fn" key to immediately enter Counting Status, the Indicator's "kg" status indicator turns off, "PCS" indicator illuminates; if Sampling has been performed in the previous times, ThenPress the previous times' SamplingDisplay value; if you need to re-perform Sampling, ThenPress "#" to perform Sampling, use "↑""→" key to finish modifying the Sampling value, then Press "←" button to confirm. After entering Counting Status, briefly Press again "Fn" Press Key ToExit

Livestock ScaleFunction / Feature

In some WeighingApplications / Scenarios, May require weighing live animals such as pigs, cattle and sheep. Because is the free movement of these live animals causes the IndicatorDisplay to be unstable, no way to ReadData, and this Function / Feature is is designed specifically for this scenario.

WhenPress "Fn" After pressing the key, the Indicator temporarily when enters

EnterDataCalculationStatus, 5seconds after, the results output from Calculationoutput are Auto accumulated, and LockDisplay the results. For easy reading. WhenWeightLess than the Min weighing Valueafter, AutoUnlock. "Fn" The key can be timesUse again.

T4SeriesInstrument Model: (Orderwhen PleaseConfirm)

MEPT4: Drop-molded rubber Key, internally fitted Display screen protector; do not ConnectionPower SupplyAdapter; Built-in twoAABattery (5size dry Batteryor equivalent Ni-MH rechargeable Battery);

MEPT4A: Externally bonded membrane Switch, equipped with Power SupplyAdapterInterface, do not Built-inAABattery;

MEPT4B: Drop-molded rubber Key, internally fitted Display screen protector; equipped with Power SupplyAdapterInterface; Optional equipped with Built-inAABattery;



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MEPT4C:Stainless steel Key, externally bonded Display screen protector; equipped with Power

SupplyAdapterInterface; can Built-inAABattery;

MEPT4E:Drop-molded rubber Key, bracket-mounted External lead-acid Battery; (6V/5Ah) Equipped with Power

SupplyAdapterInterface;

MEPT4F:Drop-molded rubber Key, Built-in lead-acid Battery. (6V/2.5Ah) Equipped with Power

SupplyAdapterInterface;